

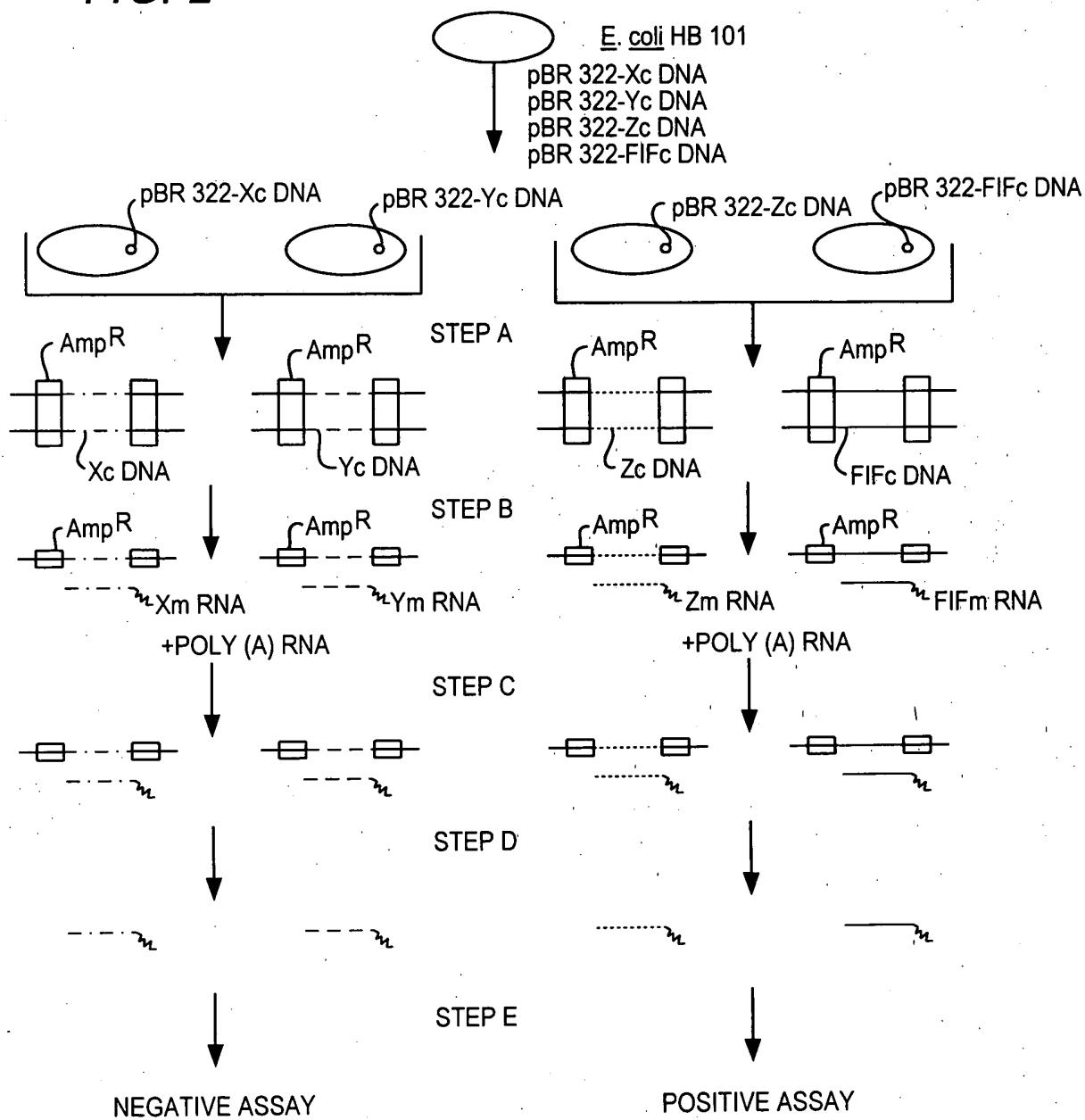
JUL 14 2003
PATENT & TRADEMARK OFFICE

Filed: May 25, 1995
Application No.: 08/452,658
Agent: Bhavana Joneja (Reg. No. 47,689) Express Mail EV132183926US
For: DNA SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESS FOR PRODUCING HUMAN FIBROBLAST INTERFERON-LIKE POLYPEPTIDES

Docket No. B8/B8 CIP DIV4
Conf. No. 5499

2 / 13

FIG. 2



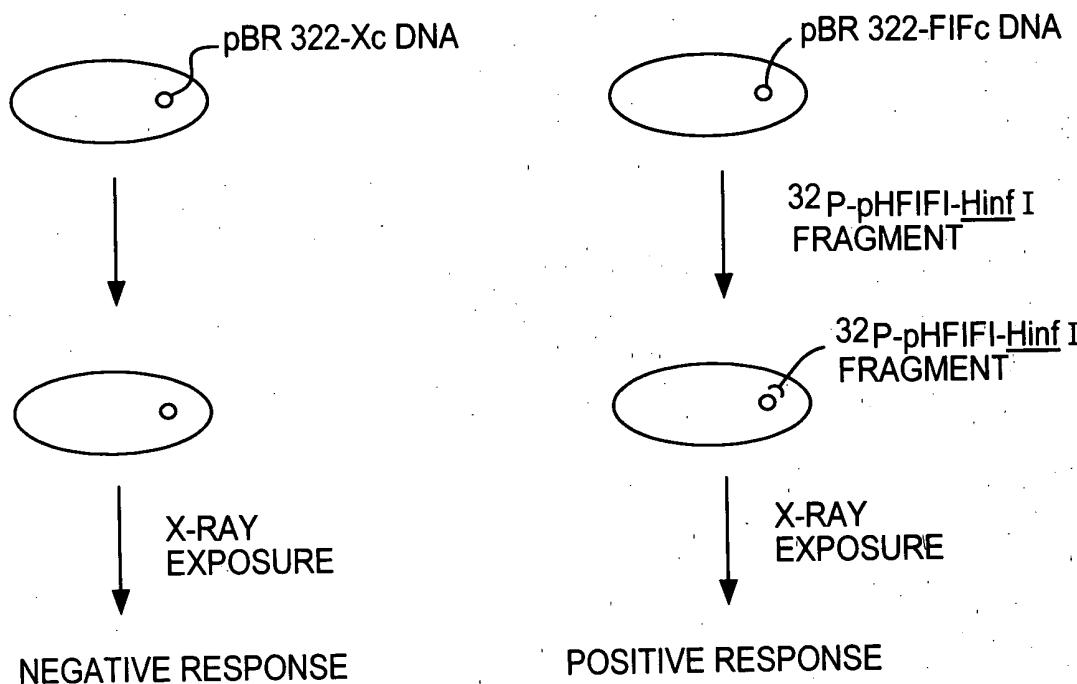


Filed: May 25, 1995
Application No.: 08/452,658
Agent: Bhavana Joneja (Reg. No. 47,689) Express Mail EV132183926US
For: DNA SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESS FOR
PRODUCING HUMAN FIBROBLAST INTERFERON-LIKE POLYPEPTIDES

Docket No. B8/B8 CIP DIV4
Conf. No. 5499

3 / 13

FIG. 3





Filed: May 25, 1995 Docket No. B8/B8 CIP DIV
Application No.: 08/452,658 Conf. No. 5499
Agent:: Bhavana Joneja (Reg. No. 47,689) Express Mail EV132183926US
For: DNA SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESS FOR
PRODUCING HUMAN FIBROBLAST INTERFERON-LIKE POLYPEPTIDES

FIG. 4

O P E R A T I O N S C O M M I T T E E
JUL 14 2003
U.S. PATENT AND TRADEMARK OFFICE
SC179

5 / 13

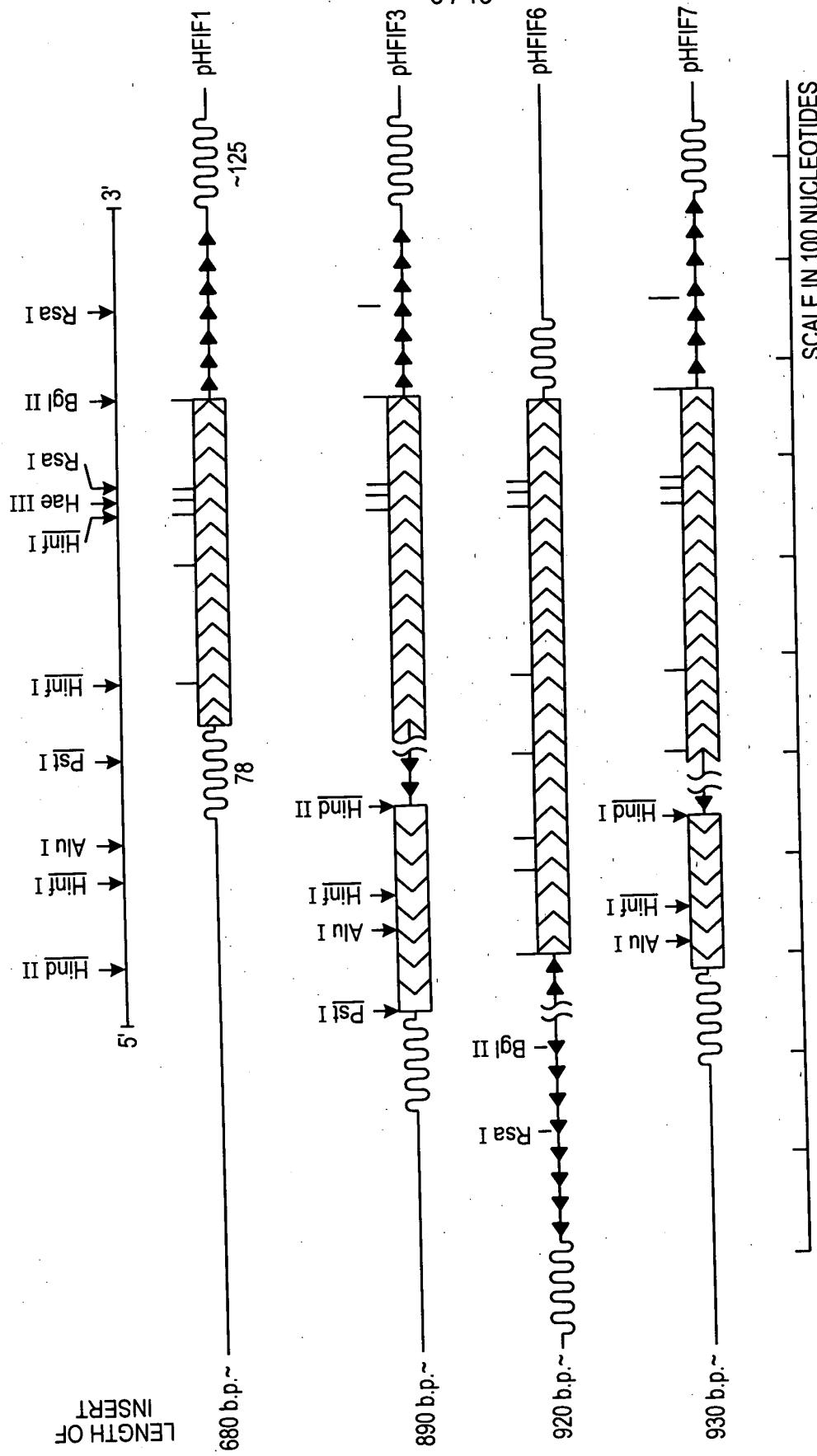


FIG. 5



Applicant: Walter C. Pierj.
Filed: May 25, 1995
Application No.: 08/452,658
Agent: Bhavana Joneja (Reg. No. 47,689) Express Mail EV132183926US
For: DNA SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESS FOR
PRODUCING HUMAN FIBROBLAST INTERFERON-LIKE POLYPEPTIDES

Docket No. B8/B8 CIP DIV4
Conf. No. 5499

6 / 13

AMINO ACID COMPOSITION OF HUMAN FIBROBLAST INTERFERON

AMINO ACID	COMPOSITION		
	FROM DIRECT ANALYSIS BY <u>TAN ET AL.</u>	FROM DIRECT ANALYSIS BY <u>KNIGHT ET AL.</u>	DEDUCED FROM NUCLEOTIDE SEQUENCE
ASP	20.6	18.9	5
ASN			12 } 17
THR	8.0	6.8	7
SER	11.7	10.5	9
GLU	27.5	27.0	13 } 24
GLN			11 }
PRO	4.4	2.7	1
GLY	5.4	7.8	6
ALA	9.3	10.0	6
CYS	N.D.	1.7	3
VAL	7.9	6.0	5
MET	trace	2.9	4
ILE	10.0	9.0	11
LEU	26.9	20.4	24
TYR	3.2	7.5	10
PHE	7.7	9.4	9
HIS	4.6	4.9	5
LYS	12.3	11.6	11
ARG	8.6	10.9	11
TRP	0.0	1.0	3
TOTAL	168	169	166

FIG. 6

U.S. PATENT & TRADEMARK OFFICE
JUL 14 2003

Applicant: Walter C. Piers.
Filed: May 25, 1995
Application No.: 08/452,658
Agent: Bhavana Joneja (Reg. No. 47,689) Express Mail EV132183926US
For: DNA SEQUENCES, RECOMBINANT DNA MOLECULES AND PROCESS FOR
PRODUCING HUMAN FIBROBLAST INTERFERON-LIKE POLYPEPTIDES

Docket No. B8/B8 CIP DIV4
Conf. No. 5499

7 / 13

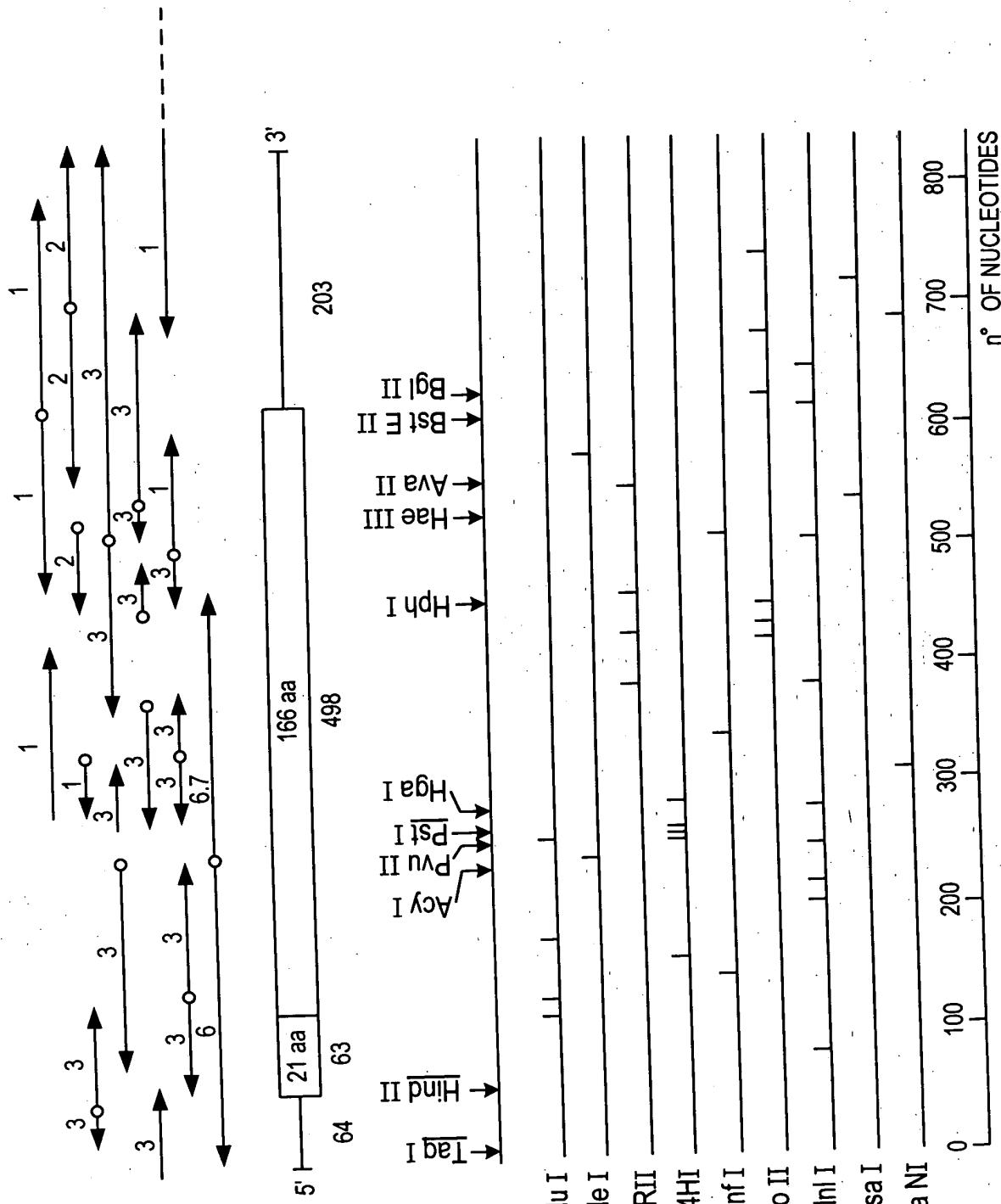


FIG. 7

8 / 13

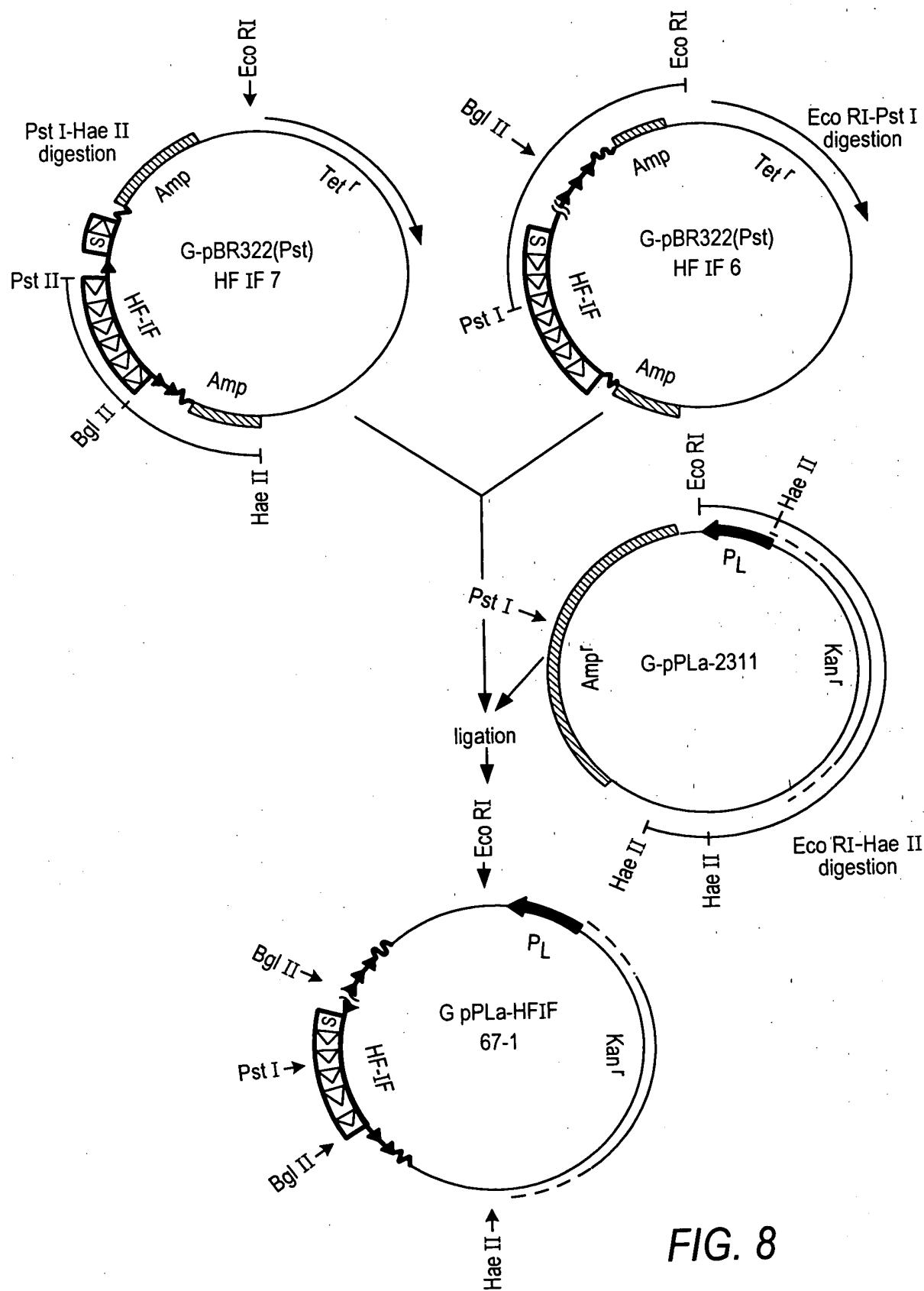


FIG. 8



9 / 13

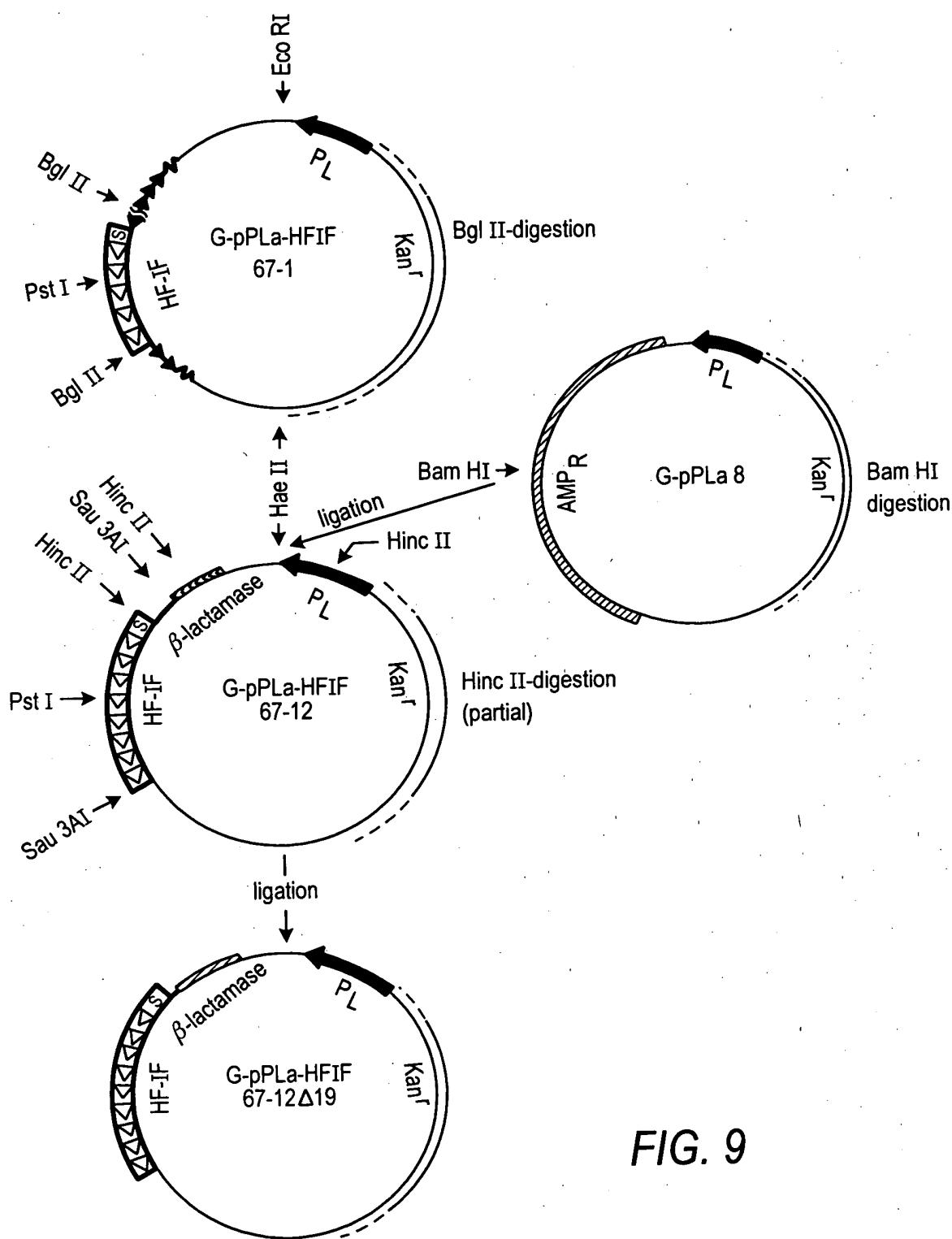


FIG. 9

10 / 13

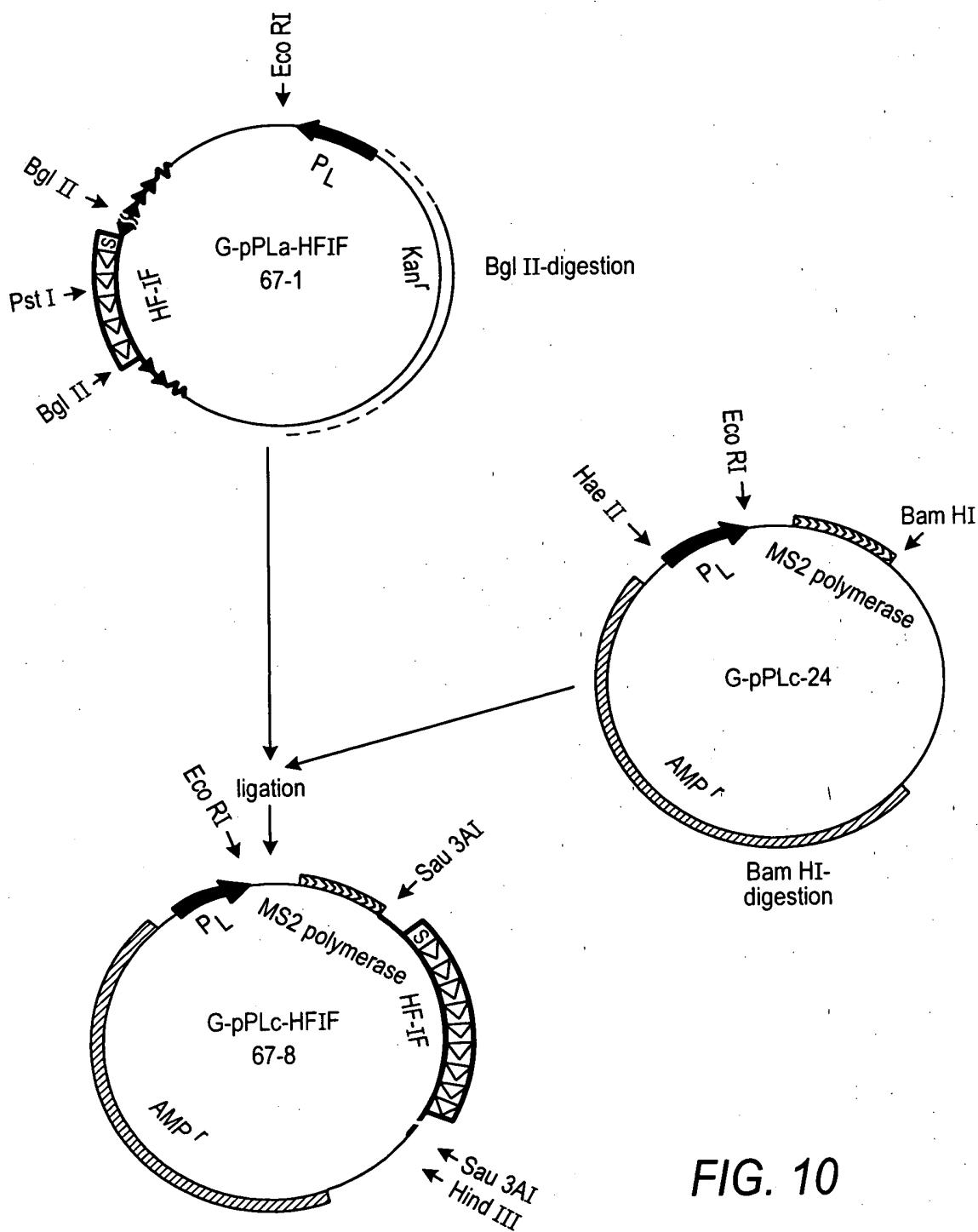
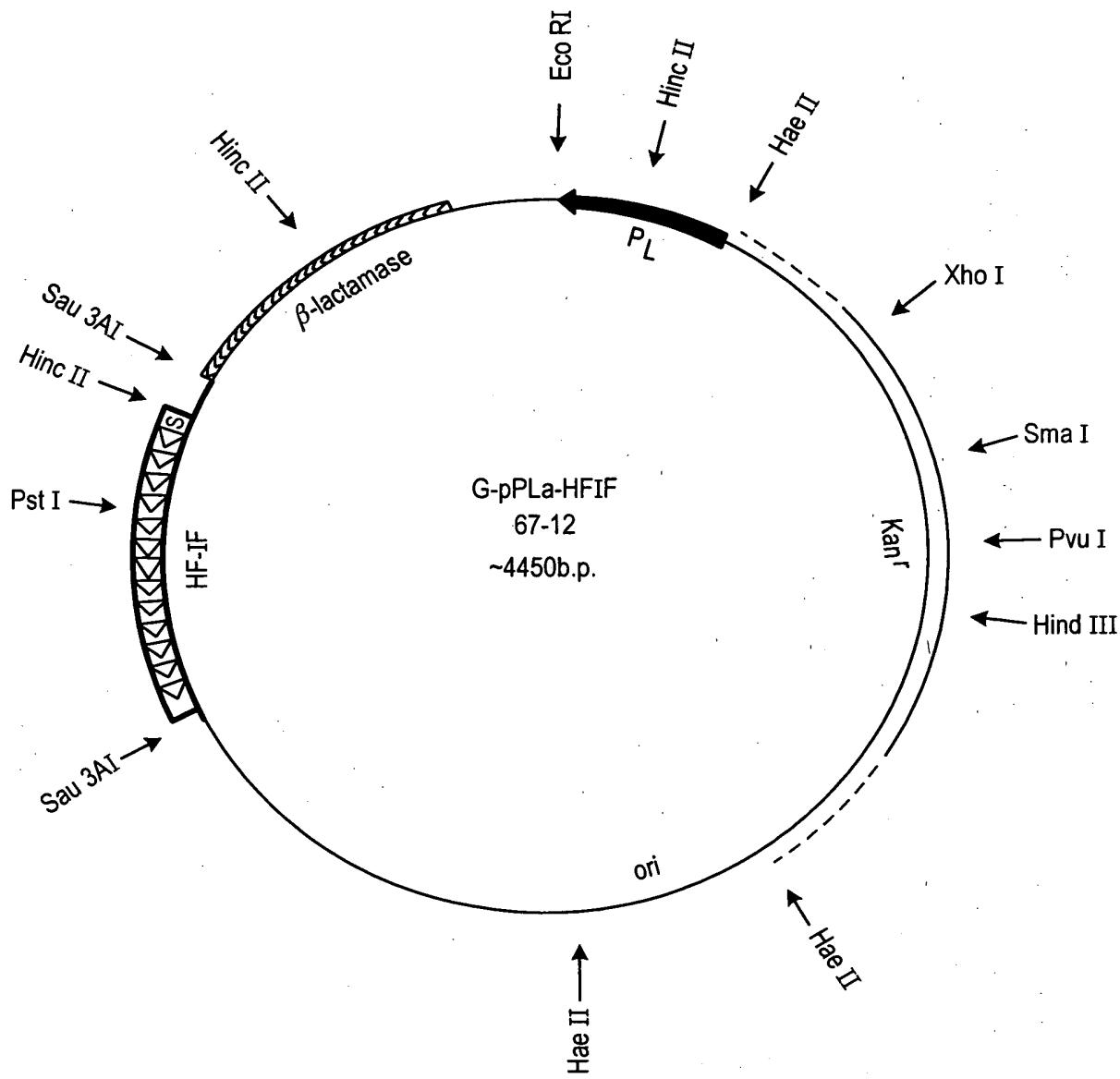


FIG. 10

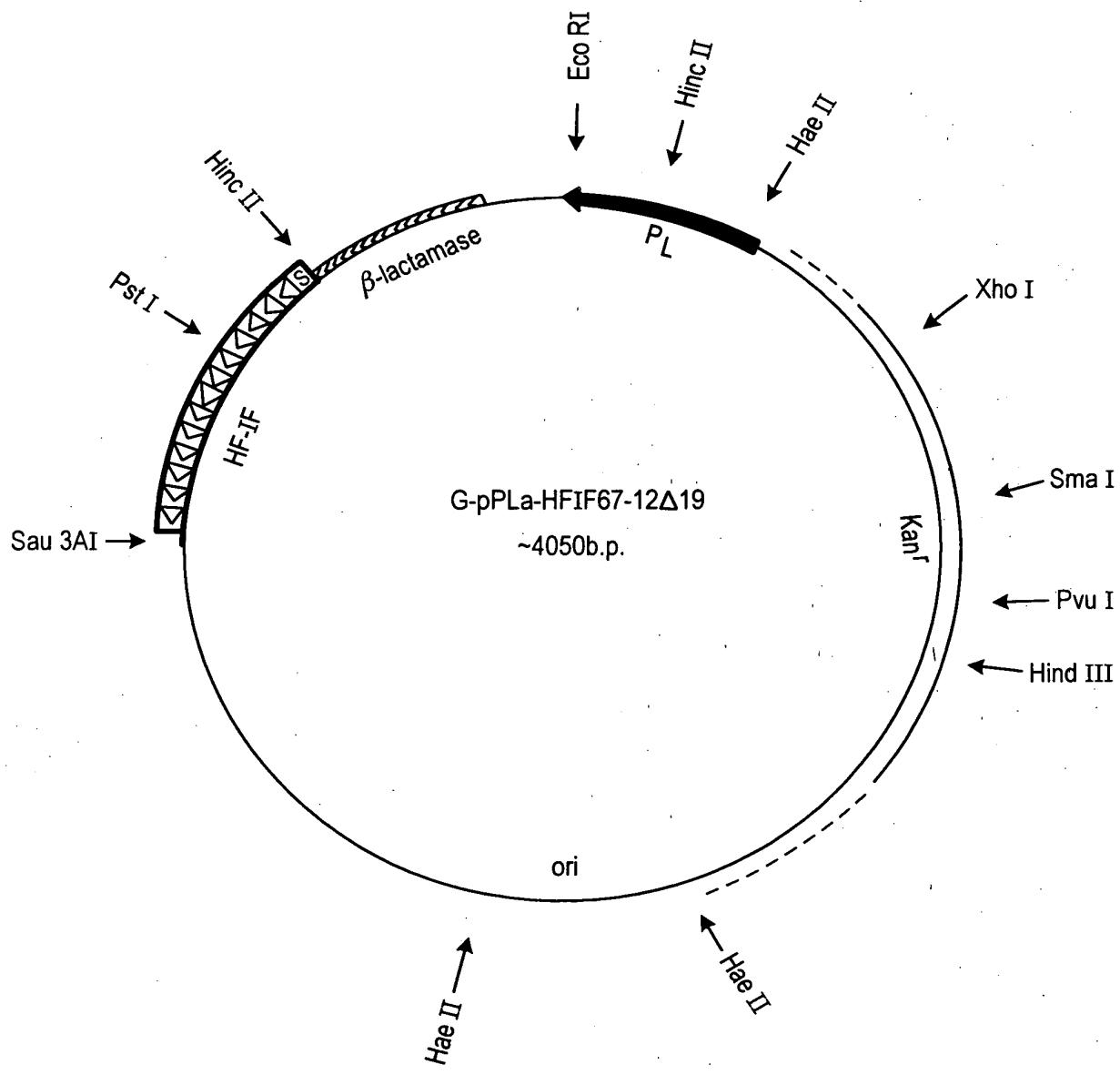
11 / 13

FIG. 11



12 / 13

FIG. 12





13 / 13

FIG. 13

